

### Abstract of the Disclosure

A multi-layer coating film-forming method which comprises coating a cationic electrodeposition coating composition (A) containing a blocked polyisocyanate compound as a crosslinking agent to form a non-cured electrodeposition coating film, coating a water based intercoat coating composition (B<sub>1</sub>) containing a hydroxyl group and carboxyl group-containing base resin, a blocked polyisocyanate crosslinking agent, a fine aluminum powder and a titanium oxide white pigment onto the non-cured electrodeposition coating film to form a non-cured intercoat coating film, followed by heat curing both coating films simultaneously.